

4.1 Overview

The purpose of this section is to assist Direct Loan Custom Schools, Third Party Servicers, and Software Vendors with implementing the system changes for the 1999–2000 Direct Loan Program. The section describes each 1999-2000 Direct Loan modification and is a companion to the record layouts and edits contained in Section 1 and Section 2. Questions pertaining to this section should be directed to the LOC at **1-800-848-0978**.

An overview of the 1999-2000 Direct Loan modifications is provided in **“1999–2000 Modifications at a Glance.”**

To help users understand the new guidelines, the modifications have been classified into seven specific functional areas:

- **Batches**
- **Loan Origination and Change Records**
- **Promissory Notes**
- **Disbursement Records**
- **Cash Receipts (Drawdowns) and Returned Excess Cash**
- **Reconciliation**
- **Reports**

Within each functional area, individual **Modifications** are described and discussed. This discussion includes the **Business Rules** for implementation as an **Example** for each modification.

If you have questions regarding the material in this section, please call the Direct Loan Origination Center (LOC) between the hours of 8:00 a.m. and 8:00 p.m. (ET).

1-800-848-0978

OR

E-mail us at: loan_origination@mail.eds.com

4.2 1999–2000 Modifications at a Glance

A matrix of all of the 1999–2000 Modifications begins on the next page. We hope this matrix serves as a quick reference for 1999-2000 changes.

1999–2000 Modifications at a Glance

1999–2000 Modifications	New Process/ Procedure	New Edit	Redesign Record Layout	New Message Class	Eliminate Record Layout & Message Class	New or Redefined Field(s)	New Change Transmit Field(s)	New or Redefined Reject Codes	New Report/ New Format	Eliminate Fields, Change Records & Reject Codes
3.1 Replace 17-Character Batch ID with 23-Character Format						X				
3.2 Add Fields to the Trailer Record for Record Status Totals	X					X				
3.3 Implement New Batch Edit for 1999-2000 Message Classes		X								
4.1 Redesign Loan Limit Edits to Ensure Compliance	X	X						X		
4.2 Implement Additional Unsubsidized Eligibility for a Dependent Student Flag		X				X	X	X		
4.3 Implement Dependency Status as a Required Field		X				X		X		
4.4 Implement Academic Year Start and End Dates as Required Fields		X				X	X	X		

1999–2000 Modifications	New Process/ Procedure	New Edit	Redesign Record Layout	New Message Class	Eliminate Record Layout & Message Class	New or Redefined Field(s)	New Change Transmit Field(s)	New or Redefined Reject Codes	New Report/ New Format	Eliminate Fields, Change Records & Reject Codes
4.5 Modify Anticipated Completion Date Edits	X	X				X				
4.6 Implement a New Edit on Loan Period Start Date and End Date		X						X		
5.1 Eliminate the “Electronic” Promissory Note Manifest	X				X					
5.2 Design the Master Promissory Note to Improve Accuracy of Optical Character Reader (OCR)									X	
5.3 Implement the Master Promissory Note Process	X	X				X		X		
5.4 Redesign the PLUS Promissory Notes to Improve Accuracy of Optical Character Reader (OCR)									X	
6.1 Eliminate Loan and Disbursement Cancellations	X									X

1999–2000 Modifications	New Process/ Procedure	New Edit	Redesign Record Layout	New Message Class	Eliminate Record Layout & Message Class	New or Redefined Field(s)	New Change Transmit Field(s)	New or Redefined Reject Codes	New Report/ New Format	Eliminate Fields, Change Records & Reject Codes
6.2 Implement New Disbursement Edit - Actual Disbursement Cannot Exceed the Accepted Promissory Note Amount		X						X		
6.3 Process Date Changes to an Actual Disbursement	X	X				X		X		
6.4 Implement New Disbursement Edit - Disbursement Sequence Numbers Must Be Sequential and Follow in Order		X						X		
6.5 Implement Disbursement Loan Limit Edits	X	X						X		
7.1 Eliminate the Drawdown Request Record Layout (Batch Type #J)					X					
7.2 Subsequent Cash Receipts (Drawdowns) for the Same Anticipated Disbursement for Level 2 (Option 1) and Level 3 (Standard) Schools	X									

1999–2000 Modifications	New Process/ Procedure	New Edit	Redesign Record Layout	New Message Class	Eliminate Record Layout & Message Class	New or Redefined Field(s)	New Change Transmit Field(s)	New or Redefined Reject Codes	New Report/ New Format	Eliminate Fields, Change Records & Reject Codes
8.1 Redesign the Direct Loan School Account Statement (DLSAS)			X			X				
9.1 Update Duplicate Student Borrower Report				X					X	
9.2 New Optional Report to Identify Inactive Loans	X			X					X	
9.3 New Report to Identify Social Security Number, Name, and Date of Birth Changes	X			X					X	

4.3 Batch Modifications

4.3.1 Replace 17-Character Batch ID with 23-Character Format

1999-2000 Modification: The current 17-character Batch ID is replaced with a 23-character Batch ID.

Upon implementation, this modification affects only 1999-2000.

Currently, the 17-character Batch ID consists of the 2-character batch type, 6-character school code, 6-digit date, 1-digit cycle year, and 2-digit sequence number.

Starting in 1999-2000, the new 23-character Batch ID consists of the 2-character batch type, 1-digit cycle year, 6-character school code, 8-digit batch creation date, and 6-digit batch creation time. All batches a school sends to the LOC for 1999-2000 must provide the new Batch ID format. All batches a school receives from the LOC for 1999-2000 have the new Batch ID format.

Business Rules:

- The Batch ID starting in 1999-2000 is increased to 23 characters. The Batch ID format for 23-characters includes:

2-digit batch type, such as #D for Subsidized/Unsubsidized Loan Origination Records

1-digit cycle year = 0 (for 1999-2000) **

6-digit school code, such as G99999 or E99999

8-digit batch creation date = CCYYMMDD

6-digit batch creation date = HHMMSS

For example: #D0G9999920000215083555

**** Note:** The cycle year provided by a school in the Batch ID is used by the LOC for system edits.

- Modify the school's TIVWAN output interface program to process 23-character Batch ID format for 1999-2000 and forward.
- Modify the school's TIVWAN input interface program to process the 23-character Batch ID format in the acknowledgment files.

The following table outlines the record layouts and message classes affected by the increased Batch ID format (23-characters).

Record Layout	Message Classes	Field Number/Name
Header		Field # 4 - Batch Identifier
Full Loan (Stafford/PLUS) Origination	DESF00IN DEPF00IN	Field # 42 - Loan Origination Batch Identifier
Full Loan (Stafford/PLUS) Origination Acknowledgment	DISF00OP DIPF00OP	Field # 2 - Loan Origination Batch Identifier
Loan Origination Change/ Loan Origination Change Acknowledgment	DESC00IN DIOC00OP	Field # 34 - Change Batch Identifier
Stafford/PLUS Promissory Note Acknowledgment	DIPA00OP	Field # 2 - Promissory Note Batch ID
Disbursement/ Disbursement Acknowledgment	DESD00IN DIOD00OP	Field # 11 - Disbursement Batch Number
Direct Loan School Account Statement	DSAS00OP	Field # 2 - School Account Statement Batch ID
Optional Loan Detail Exception File	DERC00IN	Field # 2 - School Account Statement Batch ID

EXAMPLE

Scenario: A school sends a Subsidized/Unsubsidized Loan Origination Batch. Below is the Header Record and the Detail Record with the new 23-character Batch ID. The LOC acknowledges this batch and returns the Subsidized/Unsubsidized Loan Origination Acknowledgment with the 23-character Batch ID.

(Note: In this example, we have added spaces between data fields for ease of reading and have included only some of the fields contained in the record layout. For actual record layouts, please refer to the Custom Layout Section I.)

Subsidized/Unsubsidized Loan Origination Batch

Header Record

Header Record Identifier	Data Record Length	Message Class	Batch Identifier
DL HEADER	0537	DESF00IN	#D0G9999919990825102545

Detail Record

Loan Origination Batch Identifier	Promissory Note Print Indicator
#D0G9999919990825102545	S

Subsidized/Unsubsidized Loan Origination Acknowledgment

Header Record

Header Record Identifier	Data Record Length	Message Class	Batch Identifier
DL HEADER	0095	DISF00OP	#D0G9999919990825102545

Detail Record

Acknowledgment Date	Loan Origination Batch Identifier	Loan Identifier
19990827	#D0G9999919990825102545	999999999S00G99999001

4.3.2 Add Fields to the Trailer Record for Record Status Totals

1999-2000 Modification: Three new fields—Total Number of Accepted Records, Total Number of Rejected Records, and Total Number of Pending Records, have been added to the Trailer Record Layout. **The new minimum filler length for the Trailer Record length is 44 bytes, keeping the minimum Trailer Record length 80 bytes.**

Upon implementation, this modification affects only 1999-2000.

Currently, when a school receives an acknowledgment from the LOC, the status of each detail record is contained within the individual detail record. A summary of the number of records within a batch that are accepted, rejected, or pending is not provided.

Starting in 1999-2000, this summary information for an origination, change, promissory, or disbursement batch is provided to the school via the Trailer Record.

The Trailer Record has three new fields: Total Number of Accepted Records—Field #4, Total Number of Rejected Records—Field #5, and Total Number of Pending Records—Field #6. These fields display the total number of records within a given batch that are accepted, rejected or pending. These new 5-character fields display data on the:

- Loan Origination Acknowledgment,
- Loan Origination Change Acknowledgment,
- Promissory Note Acknowledgment, and
- Disbursement Acknowledgment.

Business Rules:

- The Trailer Record has three new 5-character fields:
 - Total Number of Accepted Records (Field #4)
 - Total Number of Rejected Records (Field #5)
 - Total Number of Pending Records (Field #6)

The total number of records within a batch, that are accepted, rejected, or pending by the LOC, display in these fields. **All of these fields can be blank.**
- There is a new Trailer Record Layout for all Trailer Records in the Custom Layout Section 1. The new record layout accommodates these three new fields.

- The LOC calculates the number of accepted, and rejected records in each batch for the following files:
 - Stafford/PLUS Origination Acknowledgment (DISF00OP, Batch Type—#D or DIPF00OP, Batch Type—PF),
 - Loan Origination Change Acknowledgment (DIOC00OP, Batch Type—#E),
 - Promissory Note Acknowledgment (DIPA00OP, Batch Type—#A, #D, PF), and
 - Disbursement Acknowledgment (DIOD00OP, Batch Type—#H).

Pending records are also calculated for the Promissory Note Acknowledgment (DIPA00OP, Batch Type—#A).

These calculated figures are displayed on the Trailer Record for that batch.

The following table outlines when these new fields display data on the Trailer Record:

New Field	Field Description	Valid Field Content
Total Number of Accepted Records (Field # 4)	Total number of accepted records in an acknowledgment file.	Blank for all files except: Origination Acknowledgment (DISF or DIPF), Loan Origination Change Acknowledgment (DIOC), Promissory Note Acknowledgment (DIPA), or Disbursement Acknowledgment (DIOD). Numeric ≥ 0
Total Number of Rejected Records (Field # 5)	Total number of rejected records in an acknowledgment file.	Blank for all files except: Origination Acknowledgment (DISF or DIPF), Loan Origination Change Acknowledgment (DIOC), Promissory Note Acknowledgment (DIPA), or Disbursement Acknowledgment (DIOD). Numeric ≥ 0
Total Number of Pending Records (Field # 6)	Total number of pending promissory notes in a DIPA file.	Blank for all files except: Promissory Note Acknowledgment (DIPA) Numeric ≥ 0

EXAMPLE

Scenario: A school sends a Subsidized/Unsubsidized Loan Origination Batch with 1000 Loan Origination Records. The LOC processes this batch, accepts 950 Loan Origination Records, and rejects 50. The LOC acknowledges this batch and returns the following Subsidized/Unsubsidized Loan Origination Acknowledgment.

Note: Loan Origination Records cannot be pending, thus the “Total Number of Pending Records” is “blank.”

(Note: In this example, we have added spaces between data fields for ease of reading and have included only some of the fields contained in the record layout. For actual record layouts, please refer to the Custom Layout Section I.)

Subsidized/Unsubsidized Origination Acknowledgment					
Header Record					
Header Record Identifier	Data Record Length	Message Class		Batch Identifier	
DL HEADER	0095	DISF00OP		#D0G99999919990825102545	
Detail Record					
Acknowledgment Date	Loan Origination Batch Identifier			Loan Identifier	
19990827	#D0G99999919990825102545			999999999S00G99999001	
Trailer Record					
Trailer Record Identifier	Data Record Length	Number of Records	Total Number of Accepted Records	Total Number of Rejected Records	Total Number of Pending Records
DL TRAILER	0095	0001000	00950	00050	

4.3.3 Implement New Batch Edit for 1999-2000 Message Classes

1999-2000 Modification: Incoming 1999-2000 files sent to the LOC with inappropriate message classes are rejected by the LOC.

Upon implementation, this modification affects only 1999-2000.

Currently, all school batches that reject are acknowledged to the school by the LOC. The acknowledgment file for a rejected batch contains the header and the trailer from the original batch, and is returned to the school using the same message class as if the batch had been accepted, but shows rejected. The reason the batch is rejected is indicated in the Batch Reject Code — Field #7, in the Header Record. Individual detail records are not returned.

Starting in 1999-2000, a new batch edit is performed by the LOC on 1999-2000 batches only. Prior to a batch being processed, the LOC edits the message class to ensure that the message class is appropriate for an incoming batch and for 1999-2000 data. If the message class is not appropriate, the batch is rejected with a Batch Reject Code of “05— Invalid message class.”

Business Rules:

- For 1999-2000 batches, the LOC compares the incoming message class to ensure that the message class used is for 1999-2000 and for an incoming file.
- Appropriate message classes for incoming 1999-2000 batches are:
 - DESF00IN—Full Origination Stafford (Batch Type—D)
 - DEPF00IN—PLUS Full Origination (Batch Type—PF)
 - DESC00IN—Origination Change (Batch Type—E)
 - DESD00IN—Origination Disbursement (Batch Type—H)
 - DERS00IN—Allocation/Reallocation Statement (Batch Type—K)
 - DERC00IN—Optional Loan Detail Exception File (Batch Type—L)
- The new Batch Reject Code, 05—Invalid message class, displays in the Header Record in Field #7.

EXAMPLE

Scenario: A school sends a Subsidized/Unsubsidized Loan Origination Batch containing 1999-2000 records using the message class for a Loan Origination Acknowledgment. The batch is rejected since the message class is invalid for an incoming batch.

(Note: In this example, we have added spaces between data fields for ease of reading and have included only some of the fields contained in the record layout. For actual record layouts, please refer to the Custom Layout Section 1.)

Subsidized/Unsubsidized Loan Origination Batch

Header Record

Header Record Identifier	Data Record Length	Message Class	Batch Identifier
DL HEADER	0537	DISF00OP	#D0G9999919990825102545

Detail Record

Loan Origination Batch Identifier	Promissory Note Print Indicator
#D0G9999919990825102545	S

Trailer Record

Trailer Record Identifier	Data Record Length	Number of Records
DL TRAILER	0537	0000001

Subsidized/Unsubsidized Loan Origination Acknowledgment

Header Record

Header Record Identifier	Data Record Length	Message Class	Batch Identifier	Created Date	Created Time	Batch Reject Code/ Record Type
DL HEADER	0537	DISF00OP	#D0G9999919990825102545	19990818	062056	05

Trailer Record

Trailer Record Identifier	Data Record Length	Number of Records
DL TRAILER	0537	0000001

